INDEX TO VOLUME IX

AUTHORS INDEX

In this index following the author's name the full title of the subject is given as it appeared in the Journal. Editorials are also included in the list and are indicated by (*E*).

A

ALEXANDER, M. E. Observations on a case of splenomegaly with hyperleukocytosis, 803

ALEXANDER, NELLE. (*See* Parsons and Alexander), 576

AMBERG, EMIL. A small sterilizing box, 580

B

BARRIO, NIEVES G. Comparative studies in the chemistry of blood and cerebrospinal fluid, 54

BARTELS, H. A. (*See* Gilbert and Bartels), 273

BARTOS, ELIZABETH, AND BURSTEIN, JULIUS. Can variations in ventricular systole be determined from electrocardiogram deflections? 217

BAUMBERGER, J. P. A method of counting a rapid rhythmic movement, 723

—. Three hints on hydrogen electrode technic, 720

BECK, DOROTHY. (*See* Kellogg, Wells and Beck), 481

BECKWITH, T. D., AND EDDIE, B. U. Hemolytic streptococcus of human origin in its relationship to heating and freezing in the milk industry, 316

BENT, MICHAEL J. (*See* Rockstraw and Bent), 634

BERNHARD, ADOLPH. The uric acid content of spinal fluid, 753

BEVEN, J. L. (*See* Denis and Beven), 674

BLECKWENN, W. J. (*See* Lorenz and Bleckwenn), 709

BOAS, ERNST P., AND MUFSON, ISIDOR. The capillary blood pressure in arterial hypertension and in nephritis, 152

BOLT, WILLIAM. Mitochondria content of the thyroid as an index of the activity of the gland, 630

BOYD, GLADYS L. (*See* Robertson and Boyd), 1

BRIEDIGAM, F. T., AND CHANG, T. M. A simple and practical device for isolating bacillus acidophilus from single colonies, 572

BROWN, A. L. (*See* Smith and Brown), 203

BROWN, J. HOWARD. The colorimetric determination of the hydrogen-ion concentration of small amounts of fluid, 239

BURSTEIN, JULIUS. (*See* Bartos and Burstein), 217

BUSH, A. D. Kidney involvement from prostatic hypertrophy. A new theory of explanation, 743

C

CADY, LEE D., AND SHRADER, E. LEE. The effect of intravenous administration of sodium citrate in two cases of hemophilia, 618

CARROLL, P. H. (*See* Heusinkveld and Carroll), 834

CHANG, T. M. (*See* Briedigam and Chang), 572

CHRISTIANSEN, WALTER G., AND NORTON, ARTHUR J. Some observations on tartar emetic, 34

CLAYTON, M. M. (*See* Haller and Clayton), 437

COHEN, MORRIS. (*See* Waddell and Cohen), 821

COHEN, MORTIMER, AND HAYTHORN, SAMUEL R. Comparative results on fourteen hundred tests in which both the Kolmer method and routine Wassermann technic were used, 476

COLLINS, C. CRESTON. A method of preparing uniform stains, 63

CORBITT, H. B. (*See* Muller and Corbitt), 608

CORNWALL, LEON H. Diagnostic methods in neurosyphilis, 369

CORPER, H. J. Personal experience with the cultivation of tubercle bacilli and the use of the guinea pig as a diagnostic test animal for tuberculosis, 766

CRAWFORD, ROBERT A. (*See* Kleitman and Crawford), 326

CRILE, GEORGE W., ROWLAND, AMY F., AND WALLACE, S. W. A comparison of the effects of the injection of gum acacia solution and of the transfusion of blood on the oxidative power of the brain as indicated by alterations in temperature after the injection of adrenalin, 309

CROOKS, MINNA. (*See* Young and Crooks), 409

D

DENIS, W., AND BEVEN, J. L. Methods of preservation of specimens of blood intended for the determination of the nonprotein organic constituents, 674

DOUGLAS, BEVERLY. An automatic pressure injection apparatus for use in local anesthesia, 275

DUTTON, L. O. A note on certain limitations of the use of solid media for the detection of gas production by bacteria, 863

—. Technic for the bacteriologic diagnosis of bacillary dysentery, 463

— AND THOMPSON, JESS M. A study of Kolmer's complement-fixation test for syphilis, 279

E

ECKSTEIN, GUSTAV. A method of approaching the cerebellum, 490

EDDIE, B. U. (*See* Beckwith and Eddie), 316

EDMUNDS, CHARLES W., AND LLOYD, PUTNAM C. The importance of the adrenal glands in the action of certain alkaloids, 45

F

FALISI, J. VINCENT, AND LAWTON, VERA A. Tables for blood chemistry calculations, 566

FEINBLATT, HENRY M. Determination of urea nitrogen in blood without aeration, 66

—. The four-hour urine test, 623

FENN, G. K. Heart block, 229

FOOT, NATHAN CHANDLER. A technic for demonstrating reticulum fibers in Zenker-fixed paraffin sections, 777

—. Elements of choice in the photomicrography of stained microscopic sections, 843

G

GAULT, EDWIN SARTAIN. The apparent specific action of cholesterin reinforced antigen in the Wassermann reaction, 486

GILBERT, RUTH, AND BARTELS, H. A. The staining of Treponema pallidum in dry smears, 273

GRANT, SAMUEL B. Changes in the blood oxygen following therapeutic bleeding in cardiac patients, 160

GREEN, F. Application to the cerebrospinal fluid of the complement-fixation test for gonorrhea in obscure cases of nervous diseases, 750

—. Flocculation reactions as substitutes for the Wassermann test, 447

—. Some practical points in connection with the Wassermann reaction, 546

—. Supposed disturbing factors in the Wassermann reaction, 80

GRUBER, CHARLES M. The pharmacology of benzyl alcohol and its esters, 15, 92

— AND SHACKELFORD, H. H. The pharmacology of benzyl alcohol and its esters, 685

H

HADEN, RUSSELL L. The use of buffer solutions in staining blood films with Wright's stain, 64

—. The colloidal gold test (*E*), 582

HAGER, BENJAMIN H. The clinical value of vital staining, 738

HALLER, D. A., AND CLAYTON, M. M. Basal metabolism in office practice, 437

HAMILTON, HERBERT C. Germicidal assays with particular reference to colloidal silver compounds, 244

HANCE, ROBERT T. The paraffin section method, 719

HANZLIK, P. J., AND TAINTER, M. I. Comparative antiphlogistic effects of salicylate, cinchophen and neocinchophen in experimental edema of the head and neck, 166

HAYTHORN, SAMUEL R. (*See* Cohen and Haythorn), 476

HERRICK, W. W. The reciprocal relationship of chlorides and glucose in the blood, 458

HEUSINKVELD, D. W., AND CARROLL, P. H. The Wassermann test in rabbit syphilis, 834

HILKOWITZ, PHILIP. The relation of the clinical pathologist to the hospital, 361

HORVATH, A. A. A modification of the apparatus for determination of urea by the urease method, 722

J

JACKSON, DENNIS E. A new use for epinephrine (*E*), 352

JOANNIDES, MINAS. An anesthesia chamber for large animals, 654

JOFFICK, S. D. A modification of the Sachs-Georgi test, using active serum, 641

JOHN, HENRY J. The relationship of blood-sugar content to kidney permeability and glycosuria, 626

JOHNSON, S. LLOYD. A technical improvement in the determination of blood urea by the Folin-Wu method, 860

JULLIANELLE, LOUIS A. A bacteriologic study of extirpated tonsils, 699

K

KARR, WALTER G. A method for the determination of blood urea nitrogen, 328

KELLOGG, W. H., WELLS, AMY, AND BECK, DOROTHY. A study of the Kolmer method of complement fixation for the diagnosis of syphilis, 481

KILDUFFE, ROBERT A. A graphic method of reporting the Wassermann reaction with a note upon its clinical value, 58

KILDUFFE, ROBERT A. A note upon a simple method for the removal of natural antisheep amboceptor from human sera, 789
—. A note upon the stability of preserved (glycerinated) antisheep hemolysin, 651
—. Concerning the cross-fixation of syphilitic antigen by tuberculous sera, 124
—. Concerning the stability of stock saline dilutions of antisheep hemolysin, 650
—. Recent developments in the study of scarlet fever (*E*), 865
—. The Kottman reaction for thyroid activity (*E*), 796
—. The stability of Kolmer's new antigen for complement-fixation tests in syphilis, 781
—. The standardized Wassermann test (*E*), 868
KLEITMAN, NATHANIEL, AND CRAWFORD, ROBERT A. A substitute for curare in classroom experiments, 326
KNIGHTS, E. M. Shipping patients' serums long distances in the tropics for the Wassermann test, 125
KOECHIG, IRENE. The calcium content of the blood in pathologic conditions, 679
KOLMER, JOHN A. The specificity and sensitiveness of the author's new complement-fixation test for syphilis, 468
KONWISER, A. LINCOLN. (*See* Lieser and Konwiser), 385
KRETSCHMER, OTTO S. The effect of insulin upon the complement derived from insulinized guinea pigs for the Wassermann reaction, 442

L

LAMSON, P. D. A simple method of controlling kymograph rate, 858
LANE, EDWARD F. A method for the rapid fixation of tissue sections, 653
LAWTON, VERA A. (*See* Falisi and Lawton), 566
LEVINSON A. Clinical and laboratory procedures in pediatrics, 37, 113
LEVY, I. JESSE. The significance of nitrogen estimations in the blood in arterial and kidney disease, 141
LLOYD, PUTNAM C. (*See* Edmunds and Lloyd), 45
LOESER, DAVID, AND KONWISER, A. LINCOLN. Preliminary note on the difference in pharmacologic action of potassium and of sodium salts when administered intravenously, 385
LORENZ, W. F., AND BLECKWENN, W. J. Clinical syphilis and the "Standard Wassermann (Kolmer's)," 709
LOVE, GEORGE H. A simplified method for recording smooth muscle movements, 783
LOVE, GEORGE H.. Studies on the pharmacology of sodium citrate. I. Circulation, 175
—. Studies on the pharmacology of sodium citrate. II. Movements of the stomach and intestines, 249
LYLE, WILLIAM G. (*See* Sharlit and Lyle), 390

M

MACCARTY, WILLIAM CARPENTER. American Society of Clinical Pathologists (*E*), 432
—. The pathologist of 1940, 733
—. The pathologist of the twentieth century, 365
MCCARTY, J. D. (*See* Simmons and McCarty), 513
MCGLUMPHY, C. B. A comparative study of the Wassermann and Meinicke reactions, 453
—. A flocculation test for syphilis (a preliminary note), 539
MCKINLEY, EARL B. Further notes on D'Herelle's phenomenon, 185
MCVICAR, CHARLES S., AND ROSS, HELEN. The sodium and potassium content of blood serum in various diseases and of the cerebrospinal fluid in proved and suspected syphilis, 87
MACLEOD, J. J. R., AND ORR, M. D. Observations on the physiologic assay of insulin, 591
MAJOR, RALPH H. The excretion of creatinine in uranium nephritis, 701
MARSH, PHIL L. The significance of glycosuria, 663
MASON, EDWARD C. A note on water excretion as influenced by blood pressure response to sodium nitrite, 529
— AND SANFORD, ARTHUR H. A proposed buffered physiologic salt solution to be used in serology, 313
MAYNARD, CARL W. The Kolmer quantitative test for syphilis. Comparison with a technic using an anti-hen hemolytic system, 199
MILLER, E. C. L. The accuracy and capacity of the platinum loop, 404
MOENCH, LAURA M. The relationship of chronic endocervicitis to focal infection with special reference to chronic arthritis, 289
MUFSON, ISIDOR. (*See* Boas and Mufson), 152
MULLER, ERNST F., AND CORBITT, H. B. Insulin and the skin, 608

N

NEDLEY, ROSE M. (*See* Wilson and Nedley), 704
NORTON, ARTHUR J. (*See* Christiansen and Norton), 34
NYE, ROBERT N. (*See* White and Nye), 799

O

ORR, M. D. (*See* Macleod and Orr), 591
OSBORN, DALE P. Apparatus for the determination of the blood nitrogen by the Folin method, 788

P

PAGE, IRVINE H. Isoamyl ethyl barbituric acid—an anesthetic without influence on blood sugar regulation, 194
PARSONS, H. T., AND ALEXANDER, NELLE. A new feeding device for use with the experimental rat, 576
PILCHER, J. D., AND SOLLMANN, TORALD. Organic protein and colloidal silver compounds: II. Their antiseptic efficiency in body fluids rich in cells and protein (Defibrinated blood), 256
PIERCE, H. F. An artificial respiration and ether apparatus for use with compressed air, 197
POTTER, J. CRAIG. A mechanical method for recording small variations in pressure and volume, 648
PUCHER, GEORGE W. A rapid method for the determination of urine sugars, 268

R

RABINOWITCH, I. M. The effect of thyroidectomy upon the calcium content of the blood serum, 543
—. Variations of the percentage of hemoglobin in man during the day, 120
RAIZISS, GEORGE W., AND SEVERAC, M. A new organic mercury compound with powerful germicidal properties, 71
REICH, CARL. An improved precision blood-counting pipette, 718
RICHTER, CURT P., AND WADA, TOMI. Method of measuring salivary secretions in human beings, 271
ROBERTSON, BRUCE, AND BOYD, GLADYS L. The toxemia of severe superficial burns, 1
ROBERTSON, O. H. (*See* Woo and Robertson), 840
ROCKSTRAW, ELIZABETH W., AND BENT, MICHAEL J. Comparison of the Wassermann, Sachs-Georgi and Kahn tests for syphilis, 634
ROSENBLOOM, JACOB. A warning against the use of arsphenamin in the treatment of syphilis in a hemophilic, 57
ROSS, HELEN. (*See* McVicar and Ross), 87
ROTH, GEORGE B. Studies on the autonomic system. II. The reaction of the excised surviving small intestine of the turtle to certain autonomic poisons, 519
ROTHBERG, VERA E. A convenient method of determining phenolsulphonephthalein output in the urine, 206
ROWLAND, AMY F. (*See* Crile, Rowland and Wallace), 309
RUSH, H. P. A satisfactory method for demonstrating gastrointestinal movement on the frog, 348

S

SANFORD, ARTHUR H. (*See* Mason and Sanford), 313
SAUNDERS, A. M. The Kottman reaction in the insane, 401
SCHMITZ, HERBERT W. The value of germanium dioxide as a therapeutic agent in the anemias of childhood, 374
SEVERAC, M. (*See* Raiziss and Severac), 71
SHACKELFORD, H. H. (*See* Gruber and Shackelford), 685
SHACKELL, L. F. An automatic short-circuiting device for induction shocks, 785
SHAFFER, LOREN W. The effect of hydrogen-ion concentration of the precipitation of colloidal benzoin and gold solutions by cerebrospinal fluid, 757
SHARLIT, HERMAN, AND LYLE, WILLIAM G. The measure of urinary sugar following the ingestion of a standard mixed carbohydrate breakfast, 390
SHRADER, E. LEE. (*See* Cady and Shrader), 618
SIMMONS, JAMES S., AND MCCARTY, J. D. The chronic typhoid carrier state following typhoid infections in vaccinated individuals, 513
SMITH, C. S., AND BROWN, A. L. A quantitative method for the determination of total phosphorus in the blood, 203
SOLLMANN, TORALD. (*See* Pilcher and Sollmann), 256
SPENCER, GEORGE F. Estimation of the amount of pancreatic enzymes in duodenal fluid by modified Gaultier's method, 261
SPENCER, HARVEY. Effects of the intravenous injection of acriflavine, 322
STRAUS, AUBREY H. The significance of negative blood cultures depends upon the method used, 345
SWANSON, EDWARD E. The standardization of pituitary extract by the oxytoxic method and description of apparatus for controlling the temperature, 334
SWEANY, H. C. Some new and improved laboratory apparatus, 61

T

TAINTER, M. L. (*See* Hanzlik and Tainter), 166
THOMPSON, JESS M. (*See* Dutton and Thompson), 279
TRANSACTIONS. Proceedings of the Second Annual Convention of the American Society of Clinical Pathologists, San Francisco, Calif., June 25-26, 1923, 416, 493

V

VAUGHAN, WARREN T. Acute rheumatic fever (*E*), 354
—. Adjunct therapy in neurosyphilis (*E*), 503
—. Clinical pathology (*E*), 727
—. Endocrine control of the kidney (*E*), 428
—. Fusospirillary symbiosis (*E*), 69
—. Hemopoietic action of germanium dioxide (*E*), 506
—. Jaundice (*E*), 210
—. The Journal of Laboratory and Clinical Medicine (*E*), 67
—. The Kolmer "quantitative" Wassermann reaction (*E*), 728
—. The uses and limits of vaccine therapy (*E*), 658
—. Unusual specific allergens (*E*), 282
—. X-ray treatment of infection (*E*), 584

W

WADA, TOMI. (*See* Richter and Wada), 271
WADDELL, J. A. An improved arrangement of a signal magnet, 127
— AND COHEN, MORRIS. The action of quinindine on the amphibian heart, 821
WAGONER, G. W. A simple macrotome, 574
WALLACE, S. W. (*See* Crile, Rowland and Wallace), 309
WARTHIN, ALDRED SCOTT. The molasses plate method for the staining of many paraffin sections at one time, 554
WEBB, GERALD B. Dreyer's antigens (*E*), 208
—. Gas requirements of the tubercle bacillus (*E*), 656
—. Tuberculosis "cures" (*E*), 129
WELLER, CARL VERNON. A new hone for microtome knives, 561
WELLS, AMY. (*See* Kellogg, Wells and Beck), 481
WHITE, BENJAMIN, AND NYE, ROBERT N. A bacteriological incubator room, 790
WILKES-WEISS, DOROTHY. The Gram-staining properties of Treponema pallidum, 716
WILSON, M. A., AND NEDLEY, ROSE M. Comparison of Wassermann and precipitation reactions in various stages of syphilis, 704
WOO, SHU-TAI T., AND ROBERTSON, O. H. The effect of the gas flame in the adjustment of the reaction of sterile solutions, 840
WOOLLEY, PAUL G. Relation of the clinical laboratory to the general practitioner (*E*), 130
—. Rickets (*E*), 724

Y

YOUNG, C. C., AND CROOKS, MINNA. Laboratory diagnosis in throat infections, 409

Z

ZECKWER, ISOLDE T. Senile atrophy of the liver, 444

SUBJECT INDEX

A

Acriflavine, intravenous injections of, 322
Adjunct therapy in neurosyphilis, 503
Adrenal glands, importance of, in action of certain alkaloids, 45
Aids to practical pathology, book review, 872
Alimentary canal, action of benzyl alcohol on, 29
Allergens, unusual specific, 282
Amboceptor, antisheep, removal of, from human sera, 789
American Society of Clinical Pathologists, 432, 435, 587, 730, 873
Amphibian heart, quinidine action on, 821
Analytical microscopy, book review, 215
Anemias of childhood, germanium dioxide as therapeutic agent in, 374
Anesthesia chamber for large animals, 654
Antigens, Dryer's, 208
Anti-hen hemolytic system, 199
Antiphlogistic effects of salicylates, cinchophen and neocinchophen in experimental edema of the neck, 166
Antisheep amboceptor, natural, removal of, from human sera, 789
hemolysin, glycerinated, 651
stability of stock saline dilutions of, 650
Aortic resistance, influence of augumented, 224
Apparatus for determination of blood nitrogen by Folin method, 788
Arsphenamine, warning against use of, in treatment of syphilis in a hemophilic, 57
Arterial and kidney disease, nitrogen estimations in the blood in, 141
Artificial respiration and ether apparatus for use with compressed air, 197
Assay of insulin, physiologic, 591
Atrophy of the liver, senile, 444
Automatic pressure injection apparatus for use in local anesthesia, 275
short-circuiting device for induction shocks, 785
system, 519

B

Bacillary dysentery, bacteriologic diagnosis of, 463
Bacillus acidophilus, isolating from single colonies, 572
Bacteria, gas production by, solid media for detection of, 863
Bacteriologic diagnosis of bacillary dysentery, 463
findings, significance of, 412
incubator room, 790
study of extirpated tonsils, 699
Banti's disease, 817
Basal metabolism in office practice, 437
in pediatrics, 119
Benzyl acetate, 21
alcohol, action of, on alimentary canal, 29
and its esters, pharmacology of, 15, 685
pharmacology of, 92
benzoate, 22
Bergey's manual of determinative bacteriology, book review, 662
Blood and cerebrospinal fluid, chemistry of, 54
calcium content of the, in pathologic conditions, 679
chemistry calculations, tables for, 566
colorimetric methods, book review, 510
chlorides and glucose in, 458
counting pipette, improved precision, 718
cultures, negative, significance of, depends upon methods used, 345
injections in burns, 8
methods of preservation of specimens, for determination of nonprotein organic constituents, 674
nitrogen determination by Folin method, a new apparatus for, 788
oxygen, changes in, following therapeutic bleeding in cardiac patients, 160
plate readings, 411
pressure, effect of benzyl alcohol on, 19, 100
response to sodium nitrite, water excretion as influenced by, 529
serum, sodium and potassium content of, in various diseases, 87
sugar, anesthetic without influence on, 194
content, relationship of, to kidney permeability and glycosuria, 626
urea, determination of, by Folin-Wu method, 860
nitrogen, determination of, 329
Buffer solutions, use of, in staining blood films with Wright's stain, 64
Buffered physiologic salt solution to be used in serology, 313
Burned tissue, 1
Burns, injections of toxins, 6
toxemia of severe superficial, 1

C

Calcium content of the blood in pathologic conditions, 679
of the blood serum, effect of thyroidectomy upon, 543
Capillary blood pressure in arterial hypertension and in nephritis, 152
Carbohydrate breakfast, urinary sugar following, 390

Carcinoma, blood calcium in, 681
Cerebellum, method of approaching the, 490
Cerebrospinal fluid, application to, of complement fixation for gonorrhea in obscure cases of nervous disease, 750
chemistry of, 54
effect of hydrogen-ion concentration on the precipitation of colloidal benzoin and gold solutions by, 757
sodium and potassium content of, in proved and suspected syphilis, 87
Chemistry, blood, calculation, tables for, 566
of blood and cerebrospinal fluid, 54
Chlorides and glucose, reciprocal relationship of, in blood, 458
Chloroform or ether, influence of, Wassermann reaction, 81
Cholesterin reinforced antigen in the Wassermann reaction, 486
Chronic endocervicitis, relationship of, to focal infection with special reference to chronic arthritis, 289
typhoid carrier state following typhoid infections in vaccinated individuals, 513
Cinchophen, antiphlogistic effects of, 166
Circulation, effect of, on sodium citrate, 175
in health and disease, book review, 433
Circulatory system, effect of benzyl alcohol upon, 92
Clinical and laboratory procedures in pediatrics, 37, 113
laboratory diagnosis, book review, 801
relation of, to general practitioner, 130
pathologist, relationship of, to hospital, 361
pathology, 727
syphilis and the standard Wassermann (Kolmer's), 709
value of vital staining, 738
Colloidal gold test, 582
silver compounds, 256
germicidal assays with particular reference to, 244
state, book review, 140
Colorimetric determination of the hydrogen-ion concentration of small amounts of fluid, 239
Complement-fixation test for gonorrhea, application of, to cerebrospinal fluid, 750
for syphilis, Kolmer's, 279
tests for syphilis, Kolmer's new antigen for, 781
Constitutional factors in dementia precox, book review, 801
Creatinine in uranium nephritis, excretion of, 701
Cross-fixation of syphilitic antigen by tuberculous sera, 124
Curare, substitute for, in class-room experiments, 326

D

Dental infections, book review, 870
Depressor action of drugs of nitrite series, 25
D'Herelle's phenomenon, 185
Diagnostic methods, book reviews, 288
in neurosyphilis, 369
Diathermy and its application to pneumonia, book review, 358
Diseases of the gums and oral mucous membranes, book review, 139
Dreyer's antigens, 208
Duff house papers, book review, 139
Duodenal fluid, pancreatic enzymes in, 261

E

Electrical reaction in pediatrics, 119
Electrocardiogram deflections, can ventricular systole be determined from, 217
Endocervicitis, chronic, relationship of, to focal infection, with special reference to chronic arthritis, 289
Endocrine control of the kidney, 428
diseases, 216
Environment and resistance in tuberculosis, book review, 214
Epinephrine, new use for, 352
Excretion of creatinine in uranium nephritis, 701
Extubation in pediatrics, 115
Extirpated tonsils, bacteriologic study of, 699

F

Fasting and undernutrition, book review, 661
Feeding device for use with experimental rat, 576
Fever, influence of, on Wassermann reaction, 84
Fighting foes too small to see, book review, 801
Fixation of tissue sections, rapid, 653
Flocculation reactions as substitutes for the Wassermann test, 447
test for syphilis, 539
Focal infection, relationship of chronic endocervicitis to, 289
Folin-Wu method for determination of blood urea, 860
Four-hour urine test, 623
Fusospirillary symbiosis, 69

G

Gas flame, effect of, in adjustment of reaction of sterile solutions, 840
production, by bacteria, solid media for detection of, 863
requirements of the tubercle bacillus, 656
Gastrointestinal movement, method for demonstrating, on frog, 348
Germanium dioxide as therapeutic agent in anemias of childhood, 374
hemopoietic action of, 506
Germicidal assays with particular reference to colloidal silver compounds, 244
properties of organic mercuric compound, 71
Glomerular disease, 142
Glucose and chlorides, reciprocal relationship of, in blood, 458

Glycerinated antisheep hemolysin, 651
Glycosuria and kidney permeability, relationship of blood sugar content to, 626
significance of, 663
Gold, colloidal text, 582
Gonorrhea, complement-fixation test for, 750
Gram-staining properties of Treponema pallidum, 716
Graphic method of reporting the Wassermann reaction, 58
Guinea pig as diagnostic test animal for tuberculosis, 766
Gum acacia solution, injection of, and transfusion of blood, effect of, on oxidative power of the brain as indicated by alterations in temperature after the injection of adrenalin, 309

H

Heart block, 229
the, book review, 359
Heliotherapy, book review, 140
Hemoglobin in man, variations of percentage of, during day, 120
Hemolysin, antisheep, 650, 651
Hemophilia, intravenous administration of sodium citrate in, 618
Hemophilic, arsphenamine contraindicated in treatment of, 57
Hemolytic streptococcus of human origin in its relationship to heating and freezing in the milk industry, 316
Hemopoietic action of germanium dioxide, 506
Hone for microtome knives, 561
Hospital, relation of clinical pathologist to, 361
Human protozoology, book review, 360
Hydrogen electrode technic, 720
Hydrogen-ion concentration, effect of, on precipitation of colloidal benzoin and gold solutions by cerebrospinal fluid, 757
of small amounts of fluid, colorimetric determination of, 239
Hyperleucocytosis in splenomegaly, 803
Hypertension, arterial, capillary blood pressure in, 152
Hypertrophy, prostatic, kidney involvement from, 743

I

Incubator room bacteriological, 790
Induction shocks, automatic short-circuiting device for, 785
Infection, immunity and biologic therapy, book review, 800
x-ray treatment of, 584
Infections, throat, laboratory diagnosis in, 409
Insane, Kottman reaction in the, 401
Insulin and the skin, 608
effect of, upon Wassermann reaction, 442
physiological assay of, 591
Intestines, movement of the, 249
Intravenous administration of potassium and sodium salts, 385
of sodium citrate in two cases of hemophilia, 618
injections of acriflavine, effects of, 322
therapy, book review, 800
Intubation in pediatrics, 113
Isoamyl ethyl barbituric acid, an anesthetic without influence on blood sugar regulation, 194
Isolating bacillus acidophilus from single colonies, 572

J

Jaundice, 210
Journal of Laboratory and Clinical Medicine, 67

K

Kahn and Sachs-Georgi tests compared with Wassermann, 634
Kidney disease, nitrogen estimations in the blood in, 141
endocrine control of, 428
involvement from prostatic hypertrophy, 743
permeability and glycosuria, relationship of blood sugar content to, 626
structureless, 144
Knives, microtome, a new hone for, 561
Kolmer and Wassermann tests, comparative results with, 476
method of complement fixation for syphilis, 481
quantitative test for syphilis, 199
"quantitative" Wassermann reaction, 728
Kolmer's complement-fixation test for syphilis, 279
test for syphilis, specificity and sensitiveness of, 468
new antigen for complement-fixation tests in syphilis, 781
Kottman reaction for thyroid activity, 796
in the insane, 401
Kymograph rate, controlling, 858

L

Laboratory apparatus, new and improved, 61
diagnosis in throat infections, 409
of syphilis, book review, 435
studies in tropical medicine, book review, 287
Leukanemia, 817
Liver, senile atrophy of the, 444
Local anesthesia, automatic pressure injection apparatus for use in, 275

M

Macrotome, a simple, 575
Magnet, signal, 127
Manual of chemistry, book review, 433
Maritime quarantine authorities on the West Coast of South America, conference of, 357
Media, solid, for detection of gas production of bacteria, 863

Medical and veterinary entomology, book review, 434
clinics of North America, book review, 509
department of the world war, book review, 511
science, abstracts and reviews, book review, 870
Meinicke reaction compared with Wassermann, 453
Mercury compound, organic, new, with powerful germicidal properties, 71
Metabolism, basal, in office practice, 437
Microscope, the, book review, 215
Microscopic sections, stained, photomicrography of, 843
Microtome knives, a new hone for, 561
Milk, in pediatrics, 118
Mitochondria content of the thyroid as an index of the activity of the gland, 630
Molasses plate method for the staining of many paraffin sections at one time, 554
Movements of the stomach and intestines, 249
Muscle burns, 3
smooth, movements, method for recording, 783

N

Negative blood cultures, significance of, depends upon method used, 345
Neocinchophen, antiphlogistic effects of, 166
Nephritis, capillary blood pressure in, 152
Neurosyphilis, adjunct therapy in, 503
diagnostic methods in, 369
Nitrite series, depressor action of drugs of, 25
Nitrogen blood, for determination of Folin method, 788
estimations in the blood in arterial and kidney disease, significance of, 141
Nonprotein organic constituents of blood, method of preservation of blood specimen for determining, 674
Non-surgical drainage of the gall bladder, book review, 287

O

Outlines of medical zoology, book review, 214
Oxytoxic method for standardization of pituitary extract, 334

P

Pancreatic enzymes in duodenal fluid, estimation of, by modified Gaultier's method, 261
Paraffin section method, 719
sections, molasses plate method for the staining of many, 555
Zenker-fixed, 777
Pathologist, clinical, relationship of, to hospital, 361
of 1940, 733
of the 20th century, 365
Pathology, clinical, 727
Pediatrics, clinical and laboratory procedures in, 37, 113
Pharmacologic action of potassium and sodium salts when administered intravenously, 385
Pharmacology of benzyl alcohol and its esters, 15, 92, 685
of sodium citrate, 175, 249
Phenolsulphonephthalein output in urine, convenient method of determining, 206
Philadelphia Academy of Surgery, Gross prize, 512
Phosphorus in the blood, quantitative determination of total, 203
Photomicrography of stained microscopic sections, 843
Physiologic assay of insulin, 591
Physostigmine and blood picture, 45
Pituitary extract, standardization of, 334
Platinum loop, accuracy and capacity of, 404
Potassium and sodium salts, administered intravenously, 385
Practical bacteriology, blood work and animal parasitology, 215
chemical analysis of blood, book review, 434
medicine series, book review, 216
physiology, book review, 140
Precipitation reaction in various stages of syphilis, 704
Pressure and volume, mechanical method for recording small variations in, 648
Prostatic hypertrophy, kidney involvement from, 743
Protein silver compounds, 256

Q

Quantitative method for the determination of total phosphorus in the blood, 203
Quinidine, action of, on amphibian heart, 821

R

Rabbit syphilis, Wassermann test for, 834
Rat, experimental feeding device for, 576
Rejuvenation without operation, book review, 871
Respiration and ether apparatus for use with compressed air, 197
Respiratory system, effect of benzyl alcohol upon, 92
Reticulum fibers in Zenker-fixed paraffin sections, 777
Rheumatic fever, acute, 354
Rhus dermatitis, poison ivy, book review, 286
Rhythmic movement, method of counting rapid, 723
Rickets, 724

S

Sachs-Georgi and Kahn tests compared with Wassermann, 634
test, modification of, using active serum, 641

Salicylate, antiphlogistic effects of, 166
Saline dilutions of antisheep hemolysin, 650
Salivary secretions in human beings, method of measuring, 271
Salt solution, buffered physiologic to be used in serology, 313
Scarlet fever, developments in study of, 865
Senile atrophy of the liver, 444
Short-circuiting device for induction shocks, 785
Sigma reaction, control of Wassermann by, 85
of Dreyer and Ward compared with Wassermann, 450
Signal magnet, improved arrangement for, 127
Skin burns, 1
insulin and, 608
tests in pediatrics, 37
Smears and cultures in pediatrics, 40
Smooth muscle movements, simplified method for recording, 783
Sodium and potassium content of blood serum in various diseases and the cerebrospinal fluid in proved and suspected syphilis, 87
citrate, intravenous administration of, in hemophilia, 618
pharmacology of, 175, 249
nitrite, water excretion as influenced by blood pressure response to, 529
salts, administered intravenously, 385
Specificity and sensitiveness of Kolmer's new complement-fixation test for syphilis, 468
Spinal fluid, uric acid content of, 753
Splenomegaly with hyperleucocytosis, 803
Staining of Treponema pallidum in dry smears, 273
vital, clinical value of, 738
Stains, uniform, method of preparing, 63
Standardization of laboratory reagents, report of committee, 417
of pituitary extract by the oxytoxic method and description of apparatus for controlling the temperature, 334
Standardized Wassermann test, 868
Sterile solutions, gas flame in the adjustment of the reaction of, 840
Sterilizing box, 580
Subcutaneous burns, 3
Substitute for curare, in class room experiments, 326
Sugar, determination of, in urine, 268
Symbiosis, fusospirillary, 69
Syphilis, clinical, and the standard Wassermann (Kolmer's), 709
flocculation test for, 539
Kolmer quantitative test for syphilis, 199
rabbit, Wassermann test for, 834
Syphilitic antigen, cross-fixation of, by tuberculous sera, 124

T

Tartar emetic, some observations upon, 34
Technic for the bacteriologic diagnosis of bacillary dysentery, 463
Tetany, blood calcium in, 682
Therapeutic bleeding in cardiac patients, changes in blood oxygen in, 160
Thoracentesis in pediatrics, 117
Throat infections, laboratory diagnosis in, 409
Thyroid activity, Kottman reaction for, 796
mitochondria content, as index to activity of, 630
Thyroidectomy, effect of, upon calcium content of the blood serum, 543
Tissue sections, rapid fixation of, 653
Toxemia of severe superficial burns, 1
Tracheotomy, in pediatrics, 115
Transactions of the second annual convention of the American Society of Clinical Pathologists, 416, 493
Treatment of diabetes mellitus, book review, 509
Treponema pallidum, gram-staining properties of, 716
staining, in dry smears, 273
Tubercle bacilli, cultivation of, 766
bacillus, gas requirements of the, 656
Tuberculosis cures, 129
guinea pig as test animal for diagnosis of, 766
problems of, book review, 872
Tuberculous sera, cross-fixation of syphilitic antigen by, 124
Tubular disease, 143
Typhoid carrier state, following typhoid infections in vaccinated individuals, 513

U

Uranium nephritis, excretion of creatinine in, 701
Urea, blood, determination of, by Folin-Wu method, 860
determination of, by urease method, 722
nitrogen, blood, method for determination of, 329
in blood, determination of, without aeration, 66
Urease method of determining urea, 722
Uric acid content of spinal fluid, 753
Urinary secretion, hypertension in relation to, 533
sugar following carbohydrate breakfast, 390
Urine, phenolsulphonephthalein output in, 206
sugar, determination of, 268
test, four-hour, 623

V

Vaccinated individuals, carrier state in, following typhoid infection, 513
Vaccine therapy, uses and limits of, 658
Vascular disease, 143
Ventricular systole, determination of, from electrocardiogram deflections, 217
Vital staining, clinical value of, 738
Volume, and pressure, mechanical method for recording small variations in, 648

W

War blindness at St. Dunstan's, book review, 662
Wassermann and Kolmer tests, comparative results on, 476
and Meinicke reactions, a comparative study, 453
and precipitation in various stages of syphilis, 704
reaction, cholesterinized reinforced antigen in, 486
comparison with Sachs-Georgi and Kahn tests, 634
drug influence on, 83
effect of insulin upon, 442
fat digestion, influence on, 83
graphic method of reporting, 58
Kolmer's quantitative, 728
some practical points in connection with, 546
supposed disturbing factors in, 80
Wassermann—Con't
test, flocculation reactions as substitutes for, 447
in rabbit syphilis, 834
shipping patient's sera long distances in tropics, 125
standardized, 868
Water excretion as influenced by blood pressure response to sodium nitrite, 529
Wright's stain, use of buffer solutions in staining blood films with, 64

X

X-ray treatment of infection, 584

Z

Zenker-fixed paraffin sections, technic for demonstrating reticulum fibers in, 777